

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287-03400		SERIAL NO. 10/065,546	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANTS Steven Neiman; Roman Sulzhyk			
				FILING DATE October 29, 2002		GROUP ART UNIT 3626	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EW		6,112,023	8/29/2000	Dave et al.			
EW		5,546,582	8/13/1996	Brockmeyer et al.			
EW		6,625,636	9/23/2003	Skovira			
EXAMINER /Eric Wai/				DATE CONSIDERED 12/13/2006			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
36287-03400

SERIAL NO.
10/065,546

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANTS

Steven Neiman; Roman Sulzhyk

FILING DATE
October 29, 2002

GROUP ART UNIT
3626

U.S. PATENT DOCUMENTS

[illegible]

EXAMINER /Eric Wai/

DATE CONSIDERED 12/13/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 36287-03400	SERIAL NO. 10/065 546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANTS Steven Neiman; Roman Sulzhyk	
		FILING DATE October 29, 2002	GROUP ART UNIT 3626

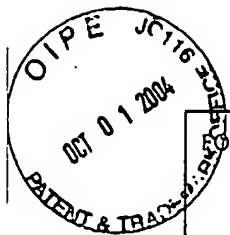
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EW	6,301,574	10/9/01	Thomas et al.			
EW	6,400,713	6/4/02	Thomas et al.			
EW	6,401,096	6/4/02	Zellweger			
EW	6,401,117	6/4/02	Narad et al.			
EW	6,405,924	6/18/02	Shah			
EW	6,411,308	6/25/02	Blonstein et al.			
EW	6,411,312	6/25/02	Sheppard			
EW	6,412,699	7/2/02	Russell et al.			
EW	6,414,697	7/2/02	Amro et al.			
EW	6,418,467	7/9/02	Schweitzer et al.			
EW	6,446,070	9/3/02	Arnold et al.			
EW	6,449,253	9/10/02	Ort			
EW	6,449,650	9/10/02	Westfall et al.			
EW	6,453,349	9/17/02	Kano et al.			

EXAMINER /Eric Wai/

DATE CONSIDERED 12/13/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



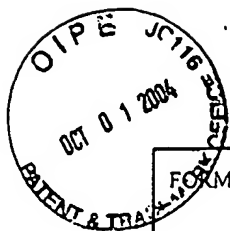
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400		SERIAL NO. 10/065,546		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.				
				FILING DATE October 29, 2002		GROUP ART UNIT 3626		
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)								
EW			New Architect Magazine; Lyman, J.; "Girding for the Grid, Distributed Computing's Big Break"; April 2002.					
EW			Foster, I.; "1.1 Parallelism and Computing"; 1995					
EW			Foster, I.; "1.2 A Parallel Machine Model"; 1995					
EW			Foster, I.; "1.3 A Parallel Programming Model"; 1995					
EW			Foster, I.; "1.4 Parallel Algorithm Examples"; 1995					
EW			Foster, I.; "1.5 Summary"; 1995					
EW			Foster, I.; "2 Designing Parallel Algorithms"; 1995					
EW			Foster, I.; "2.1 Methodical Design"; 1995					
EW			www.IDevResource.com, EJB Transactions and JTS; Raj, G.; "Transactions, 2PC and JTS"; January 2000					
EW			www.IDevResource.com, Raj, G.; "EJB Servers"; January 2000					
EW			www.IDevResource.com, Raj, G.; "EJB Containers"; January 2000					
EW			www.IDevResource.com, Raj, Gopalan Suresh; "EJB Components"; January 2000					
EW			www.IDevResource.com; Raj, G.; "EJB Session Beans"; January 2000					
EW			www.IDevResource.com; Raj, G.; "EJB Entity Beans"; January 2000					
EW			www.IDevResource.com; Raj, G.; "EJB Components at the Server"; January 2000					
EW			www.IDevResource.com; Raj, G.; "Enterprise Java Beans"; January 2000					
EW			Technology Review; Waldrop, M.; "Grid Computing"; May 2002					
EXAMINER			/Eric Wai/		DATE CONSIDERED			12/13/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.	
				FILING DATE October 29, 2002	
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)					
EW			IEEE; Foster, I., et al.; "Grid Services for Distributed System Integration"; June 2002		
EW			Intl J. Supercomputer Applications; Foster, I., et al., "The Anatomy of a Grid, Enabling Scalable Virtual Organizations"; 2001		
EW			Chervenak, A., et al., "The Data Grid: Towards an Architecture for the Distributed Management and Analysis of Large Scientific Datasets"		
EW			The Grid: Blueprint for a Future Computing Infrastructure, Foster, I., et al., "Computational Grids", 1998		
EW			IEEE, Chervenak, A., et al.; "Giggle: A Framework for Constructing Scalable Replica Location Services"; 2002		
EW			Allcock, B., et al.; "Data Management and Transfer in High Performance Computational Grid Environments"		
EW			Stockiner, H., et al.; "File and Object Replication in Data Grids"		
EW			Ripeanu, M., et al.; "A Decentralized, Adaptive Replica Location Mechanism"		
EW			Vazhkudai, S., et al.; "Using Disk Throughput Data in Predictions of End-to-End Grid Data Transfers"		
EW			GridForum Draft; Allcock, W., et al.; "GridFTP: Protocol Extensions to FTP for the Grid"; April 2002		
EW			GridFTP Update; "GridFTP Update January 2002"; 2002		
EW			Ranganathan, K., et al.; "Decoupling Computation and Data Scheduling in Distributed Data-Intensive Applications"		
EW			Ranganathan, K., et al.; "Improving Data Availability through Dynamic Model-Driven Replication in Large Peer-to-Peer Communities"		
EW			Foster, I., et al.; "Chimera: A Virtual Data System for Representing, Querying, and Automating Data Derivation"		
EXAMINER			/Eric Wai/		
DATE CONSIDERED			12/13/2006		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.	
				FILING DATE October 29, 2002	GROUP ART UNIT 3626
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)					
EW			IEEE; Annis, J., et al.; "Applying Chimera Virtual Data Concepts to Cluster Finding in the Sloan Sky Survey"; 2002		
EW			Ranganathan, K., et al.; "Identifying Dynamic Replication Strategies for High Performance Data Grid"		
EW			Iamnitchi, A., et al., "Locating Data in (Small-World?) Peer-to-Peer Scientific Collaborations"		
EW			Vazhkudai, S., et al.; "Predicting the Performance of Wide Area Data Transfers"		
EW			Allcock, W., et al.; "Globus Toolkit Support for Distributed Data-Intensive Science"		
EW			Lee, J., et al.; "Applied Techniques for High Bandwidth Data Transfers Across Wide Area Networks"		
EW			Ranganathan, K., et al.; "Design and Evaluation of Dynamic Replication Strategies for a High-Performance Data Grid"		
EW			Proc. 10th Intl Symp. on High Performance Distributed Computer; Stockinger, H., et al.; "File and Object Replication in Data Grids"; 2001		
EW			Vazhkudai, S., et al.; "Replica Selection in the Globus Data Grid"		
EW			Allcock, W., et al.; "Secure, Efficient Data Transport and Replica Management for High-Performance Data-Intensive Computer"		
EW			Allcock, W.; "Protocols and Services for Distributed Data-Intensive Science"		
EW			Bresnahan, J., et al.; "Communication Services for Advanced Network Applications"		
EW			Keahey, K., et al.; "Fine-Grain Authorization Policies in the GRID: Design and Implementation"		
EW			JSSPP; Czajkowski, K., et al.; "SNAP: A Protocol for Negotiating Service Level Agreements and Coordinating Research Management Data in Distributed Systems"; 2002		
EW			Kennedy, K., et al.; "Toward a Framework for Preparing and Executing Adaptive Grid Programs"		
EXAMINER /Eric Wai/			DATE CONSIDERED 12/13/2006		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.	
				FILING DATE October 29, 2002	GROUP ART UNIT 3626
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)					
EW			Liu, C., et al.; "Design and Evaluation of a Resource Selection Framework for Grid Applications"		
EW			Iamnitchi, A., et al.; "On Fully Decentralized Resource Discovery in Grid Environments"		
EW			Frey, J., et al.; "Condor-G: A Computation Management Agent for Multi-Institutional Grids"		
EW			Proc. of the 10th IEEE Symp. on High Performance Distributed Computing; Czajkowski, K., et al.; "Practical Resource Management for Grid-based Visual Exploration"; 2001		
EW			Proc. of the 10th IEEE Symp. on High Performance Distributed Computing; Sander, V. et al.; "End-to-End Provision of Policy Information for Network Qos"; August 2001		
EW			Iamnitchi, A.; "A Problem Specific Fault-Tolerance Mechanism for Asynchronous, Distributed Systems"		
EW			Proc. of the Eighth International Workshop on Quality of Service; Foster, I., et al.; "A Quality of Service Architecture that Combines Resource Reservation and Application Adaption"; June 2000		
EW			Sander, V., et al.; "A Differentiated Service Implementation for High-Performance TCP Flows"		
EW			Smith, W., et al.; "Scheduling with Advanced Reservations"		
EW			Smith, W., et al.; "Using Run-Time Predictions to Estimate Queue Wait Times and Improve Scheduler Performance"		
EW			Czajkowski, K., et al.; "Resource Co-Allocation in Computational Grids"		
EW			Foster, I., et al.; "End-To-End Quality of Service for High-End Applications"		
EW			Hoo, G., et al.; "QoS as Middleware: Bandwidth Reservation System Design"		
EW			Lee, C., et al.; "A Network Performance Tool for Grid Environments"		
EW			Foster, I., et al., "A Distributed Resource Management Architecture that Supports Advance Reservations and Co-Allocation"		
EW			Proc. 10th IEEE International Symposium on High Performance Distributed Computing (HPDC-10); Czajkowski, K., et al.; "Grid Information Services for Distributed Resource Sharing"; 2001		
EXAMINER			/Eric Wai/	DATE CONSIDERED 12/13/2006	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.	
				FILING DATE October 29, 2002	GROUP ART UNIT 3626
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)					
EW			Welch, V., et al.; "Security for Grid Services"		
EW			Keahey, K., et al.; "Fine-Grain Authorization for Resource Management in the Grid Environment"		
EW			Pearlman, L., et al.; "A Community Authorization Service for Group Collaboration"		
EW			Computer; Butler, R., et al., "A National-Scale Authentication Infrastructure"; 2000		
EW			Allcock, W., et al.; "GridMapper: A Tool for Visualizing the Behavior of Large-Scale Distributed Systems"		
EW			Foster, I., et al.; "Distance Visualization: Data Exploration on the Grid"		
EW			von Laszewski, G., et al.; "Designing Grid-based Problem Solving Environments and Portals"		
EW			von Laszewski, G., et al.; "A Java Commodity Grid Kit"; November 2000		
EW			von Laszewski, G., et al.; "CoG Kits: A Bridge Between Commodity Distributed Computing and High Performance Grids"		
EW			Proceedings of the IEEE/ACM SC2000 Conference; Roy, A., et al.; "MPICH-GQ: Quality-of-Service for Message Passing Programs"; November 2000		
EW			Karonis, N., et al.; "Exploiting Hierarchy in Parallel Computer Networks to Optimize Collective Operation Performance"		
EW			Foster, I., et al.; "A Grid-Enable MPI: Message Passing in Heterogeneous Distributed Computing Systems"		
EW			Foster, I., et al.; "A Secure Communications Infrastructure for High Performance Distributed Computing"		
EW			Keahey, K., et al.; "Computational Grids in Action: The National Fusion Collaboratory"		
EW			Russell, M., et al.; "The Astrophysics Simulation Collaboratory: A Science Portal Enabling Community Software Development"		
EXAMINER			/Eric Wai/	DATE CONSIDERED 12/13/2006	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Steven Neiman et al.	
				FILING DATE October 29, 2002	
GROUP ART UNIT 3626					
OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)					
EW			Allen, G., et al., "The Cactus Worm: Experiments with Dynamic Resource Discovery and Allocation in a Grid Environment"		
EW			Ripeanu, M., et al.; "Performance Predictions for a Numerical Relativity Package in Grid Environments"		
EW			Ripeanu, M., et al.; "Cactus Application: Performance Predictions in Grid Environments"		
EW			Russell, M., et al.; "The Astrophysics Simulation Collaboratory: A Science Portal Enabling Community Software Development"		
EW			Association for Computing Machinery; Allen, G., et al., "Supporting Efficient Execution in Heterogeneous Distributed Computing Environments with Cactus and Globus"; November 2001		
EW			ACM; Allcock, W., et al.; "High-Performance Remote Access to Climate Simulation Data: A Challenge Problem for Data Grid Technologies"; November 2001		
EW			Review of Scientific Instruments; Wang, Y.; "A High-throughput X-ray Microtomography System at the Advance Photon Sources"; April 2001		
EW			Allen, G., et al.; "Cactus-G: Enabling High-Performance Simulation in Heterogeneous Distributed Computing Environments"; May, 2000		
EW			Proceedings of the IEEE Virtual Reality 2000 International Conference; Leigh, J., et al.; "A Review of Tele-Immersive Applications in the CAVE Research Network"; 1999		
EW			Benger, W., et al.; "Numerical Relativity in a Distributed Environment"		
EW			Barnard, S., et al.; "Large-Scale Distributed Computational Fluid Dynamics on the Information Power Grid using Globus"		
EW			Brown, M., et al.; "The International Grid (iGrid): Empowering Global Research Community Network using High Performance International Internet Services"		
EW			von Laszewski, G., et al.; "Real-Time Analysis, Visualization, and Steering of Microtomography Experiments at Photon Sources"		
EXAMINER /Eric Wai/				DATE CONSIDERED 12/13/2006	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 36287.03400	SERIAL NO. 10/065,546
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Steven Neiman et al.	
		FILING DATE October 29, 2002	GROUP ART UNIT 3626

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EW	6,067,633	5/23/2000	Robbins et al.			
EW	6,088,758	7/11/2000	Kaufman et al.			
EW	6,128,709	10/3/2000	Autechaud et al.			
EW	6,202,125	3/13/2001	Patterson et al.			
EW	6,345,294	2/5/2002	O'Toole et al.			
EW	2002/0004917	1/10/2002	Malcolm et al.			
EW	2003/0041280	2/27/2003	Malcolm et al.			
EW	2002/0078299	6/20/2002	Chiou et al.			
EW	2002/0184446	12/5/2002	Kagan et al.			

OTHER DOCUMENTS (including author, title, date, pertinent papers etc.)

EW		DeFanti, T., et al.; "Overview of the I-WAY: Wide Area Visual Supercomputing"
EW		Yang, L., et al.; "Homeostatic and Tendency-based CPU Load Predictions"
EW		Ripeanu, M. et al.; "Mapping the Gnutella Network: Properties of Large-Scale Peer-to-Peer Systems and Implications for System Designs"
EW		Ripeanu, M., et al.; "Mapping the Gnutella Network: Macroscopic Properties of Large-Scale Peer-to-Peer Systems"
EW		Ripeanu, M.; "Peer-to-Peer Architecture Case Study: Gnutella Network"
EW		Stelling, P., et al.; "A Fault Detection Service for Wide Area Distributed Computations"
EW		Novotny, J., et al.; "An Online Credential Repository for the Grid: My Proxy"
EW		Physics Today; Foster, I., "The Grid: A New Infrastructure for 21st Century Science"; Feb. 2002
EW		Foster, I., et al.; "The Physiology of the Grid"; June 22, 2002
EW		Foster, I.; "What is the Grid? A Three Point Checklist"; July 20, 2002
EW		von Laszewski, G., et al.; "InfoGram: A Grid System that Supports Both Information Queries and Job Execution"; July 2002
EW		Proceedings of HPDC; Vazhkudai, S., et al.; "Predicting Sporadic Grid Data Transfers"; July 2002

EXAMINER /Eric Wai/ DATE CONSIDERED 12/13/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.